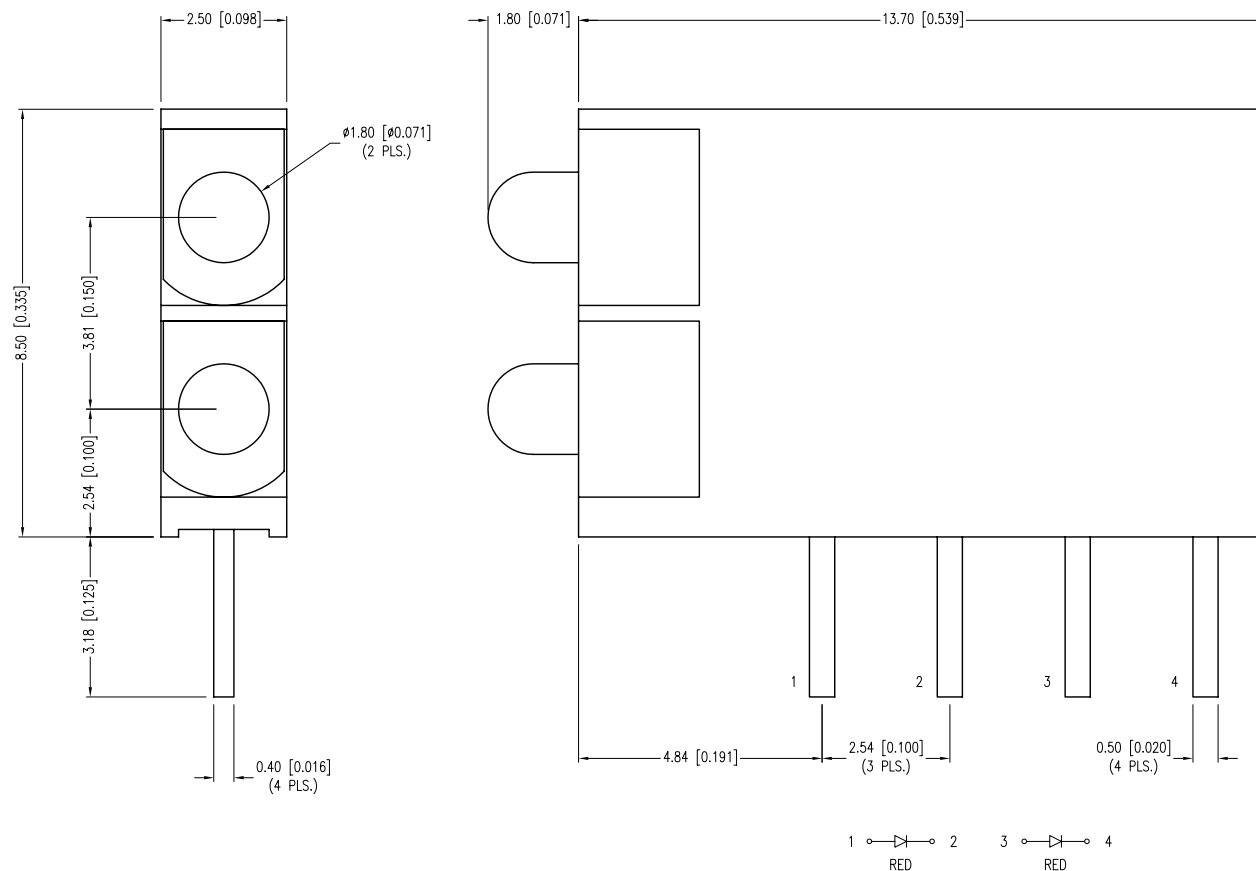


PART NUMBER	SSF-H2230SID	REV.	A
DATE	E.C.N. NUMBER AND REVISION COMMENTS		REV.
08.10.11	E.C.N. #10BRDR. & REDRAWN.		A



ELECTRO-OPTICAL CHARACTERISTICS $T_a=25^\circ\text{C}$			$I_f=20\text{mA}$		
PARAMETER	MIN	TYP	MAX	UNITS	UNITS
PEAK WAVELENGTH		636		nm	
FORWARD VOLTAGE		2.0	2.5	V _f	
REVERSE VOLTAGE	5.0			V _r	$I_r=100\mu\text{A}$
AXIAL INTENSITY		120		mcd	$I_f=20\text{mA}$
VIEWING ANGLE		70		2x theta	
EMITTED COLOR:	RED				
EPOXY LENS FINISH:	RED DIFFUSED				

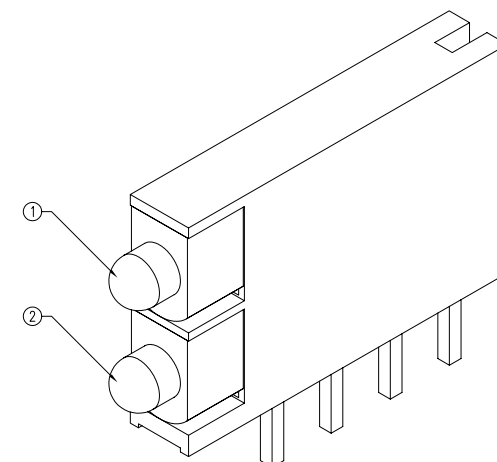
LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
STEADY CURRENT	30	mA
POWER DISSIPATION	105	mW
DERATE FROM 25°C	-1.2	mW/°C
OPERATING TEMP.	-40 TO +85	°C
STORAGE TEMP.	-40 TO +85	°C
SOLDERING TEMP.	+260	°C
2.0mm FROM BODY	3	SEC. MAX.

* $t < 10\mu\text{s}$

NOTES:

- RED LED.
- RED LED.



UNCONTROLLED DOCUMENT

LUMEX Creating LED and LCD Solutions Together™	290 E. HELEN ROAD PALATINE, IL 60067-6976 PHONE: +1.847.359.2790 FAX: +1.847.359.6538 WEB: WWW.LUMEX.COM	T-2mm DUAL TOWER, 1 UNIT, FRONT-BACK LEADS, 636nm SUPER RED, RED DIFFUSED.		DATE: 08.10.11	DRAWN BY: AB
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				UNIT: mm [INCH]	Ⓟ

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